IFW16

RAW SEQUENCE LISTING   DATE: 08/02/2004
PATENT APPLICATION: US/09/888,324   TIME: 11:51:23

Input Set : **N:\LMOORE\PTO.LM.txt**
Output Set: **N:\CRF4\08022004\I888324.raw**

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 3 <110> APPLICANT: Juha Punnonen, et al.
 5 <120> TITLE OF INVENTION: NOVEL CO-STIMULATORY MOLECULES
 7 <130> FILE REFERENCE: 0169.310US
 9 <140> CURRENT APPLICATION NUMBER: 09/888,324
10 <141> CURRENT FILING DATE: 2001-06-22
12 <150> PRIOR APPLICATION NUMBER: 60/213,946
13 <151> PRIOR FILING DATE: 2000-06-23
15 <150> PRIOR APPLICATION NUMBER: 60/241,245
16 <151> PRIOR FILING DATE: 2000-10-17
18 <160> NUMBER OF SEQ ID NOS: 312
20 <170> SOFTWARE: PatentIn Ver. 2.1
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25 <213> ORGANISM: Artificial Sequence
27 <220> FEATURE:
28 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
29       nucleotide sequence
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33 cagctcttgg tgctcactgg tctttttttac ttctgttcag gcatcacccc aaagagtgtg 120
34 accaaaagag tgaaagaaac agtaatgcta tcctgtgatt acaacacatc cactgaagaa 180
35 ctgacaagcc ttcggatcta ttggcaaaag gatagtaaaa tggtgctggc catcctgcct 240
36 ggaaaagtgc aggtgtggcc tgagtacaag aaccgcacca tcactgacat gaacgataac 300
37 ccccgtattg tgatcctggc tctgcgcctg tcggacagtg gcacctacac ctgtgttatt 360
38 cagaagcctg ttttgaaagg ggcttataaa ctggagcacc tggcttccgt gaggttaatg 420
39 atcagagctg acttccctgt ccctaccata aatgatcttg gaaatccatc tcctaatatc 480
40 agaaggctaa tttgctcaac ctctggaggt tttccaaggc cccacctcta ctggttggaa 540
41 aatggagaag aattaaatgc taccaacaca acactgtccc aagatcctga aaccaagctc 600
42 tacatgatta gcagtgaact ggatttcaac atgacaagca atcacagctt cttgtgtctt 660
43 gtcaagtatg gagacttaac agtgtcacag accttctact ggcaagaatc caaaccaacc 720
44 ccttctgcta atcagcacct gacctggacc attattatcc cagtctcagc atttgggatt 780
45 tctgtgatca ttgcagttat actaacatgc ctgacctgca gaaatgctgc aatacgcaga 840
46 cagagaaggg agaatgaagt ggaaatgcaa agttgctctc agtctccatg a          891
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50 <211> LENGTH: 900
51 <212> TYPE: DNA
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
56       nucleotide sequence
58 <400> SEQUENCE: 2
59 atgggccaca cgctgaggcc gggaactcca ctgcccaggt gtctacacct caagctctgc 60
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 60 ctgctcctgg cgctggcggg tctccacttc tcttcaggta tcagccaggt caccaagtcg 120
 61 gtgaaagaaa tggcagcact gtcctgtgat tacaacattt ctatcgatga actggcgaga 180
 62 atgcgcatat actggcagaa ggaccaacag atggtgctga gcatcatctc tgggcaagtg 240
 63 gaagtgtggc ctgagtacaa gaaccgcacc ttccccgaca tcattaacaa cctctccctt 300
 64 atgatcctgg cactgcgcct gtcggacaag ggcacctaca cctgcgtggt tcagaagaat 360
 65 gagaacgggt ctttcagacg ggagcacctg acctccgtga cactgtccat cagagctgac 420
 66 tcccctgtcc ctagcataac tgacattgga catcccgccc ctaatgtgaa aaggataaga 480
 67 tgctccgcct ctggaggttt tccagagcct cgcctcgcct ggatggaaga tggagaagaa 540
 68 ctaaacgccg tcaacacgac ggttgaccag gatttggaca cggagctcta cagcgtcagc 600
 69 agtgaactgg atttcaatgt gacaaataac cacagcatcg tgtgtctcat caaatacggg 660
 70 gagctgtcgg tgtcacagat cttcccttgg agcaaaccca agcaggagcc tcccattgat 720
 71 cagcttccat tctgggtcat tatcccagta agtggtgctt tggtgctcac tgcggtagtt 780
 72 ctctactgcc tggcctgcag acatgttgcg aggtggaaaa gaacaagaag gaatgaagag 840
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 79 <213> ORGANISM: Artificial Sequence
 81 <220> FEATURE:
 82 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
 83       nucleotide sequence
 85 <400> SEQUENCE: 3
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 87 ctgctcttgg cgctggcggg tctccacttc tcttcaggta tcagccaggt caccaagtcg 120
 88 gtgaaagaaa tggcagcact gtcctgtgat tacaacattt ctatcgatga actggcgaga 180
 89 atgcgcatat actggcagaa ggaccaacag atggtgctga gcatcatctc tgggcaagtg 240
 90 gaagtgtggc ctgagtacaa aaaccgcacc ttccccgaca tcattaacaa cctctccctt 300
 91 atgatcctgg cactgcgcct gtcggacaag ggcacctaca cctgcgtggt tcagaagaat 360
 92 gagaacgggt ctttcagacg ggagcacctg acctccgtga cactgtccat cagagctgac 420
 93 ttccctgtcc ctagcataac tgacattgga catcccgccc ctaatgtgaa aaggataaga 480
 94 tgctccgcct ctggagattt tccagagcct cgcctcgcct ggatggaaga tggagaagaa 540
 95 ctaaacgccg tcaacacgac ggttgaccag gatttggaca cggagctcta cagcgtcagc 600
 96 agtgaactgg atttcaatgt gacaaataac cacagcatcg tgtgtctcat caaatacggg 660
 97 gagctgtcgg tgtcacagat cttcccttgg agcaaaccca agcaggagcc tcccattgat 720
 98 cagcttccat tctgggtcat tatcccagta agtggtgctt tggtgctcac tgcggtagtt 780
 99 ctctactgcc tggcctgcag acatgttgcg aggtggaaaa gaacaagaag gaatgaagag 840
100 acagtgggaa ctgaaaggct gtcccctatc tacttaggct ctgcgcaatc ctcgggctga 900
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106 <213> ORGANISM: Artificial Sequence
108 <220> FEATURE:
109 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
110       nucleotide sequence
112 <400> SEQUENCE: 4
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114 cagctcttgg tgctcactgg tcttttttac ttctgttcag gcatcacccc aaagagtgtg 120
115 accaaaagag tgaaagaaac agtaatgcta tcctgtgatt acagcacatc cactgaagaa 180
116 ctgacaagcc ttcggatcta ttggcaaaag gatagtaaaa tggtgctggc catcctgcct 240
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Input Set : N:\LMOORE\PTO.LM.txt
Output Set: N:\CRF4\08022004\I888324.raw

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117 ggaaaagtgc aggtgtggcc tgagtacaag aaccgcacca tcactgacat gaacgataac 300
118 ccccgtattg tgatcctggc tctgcgcctg tcggacagtg gcacctacac ctgtgttatt 360
119 cagaagcctg atttgaaagg ggcttataaa ctggagcacc tgacttccgt gaggttaatg 420
120 atcagagctg acttccctgt ccctaccata aatgatcttg gaaatccatc tcctaatatc 480
121 agaaggctaa tttgctcaac ctctggaggt tttccaaggc cccacctcta ctggttggaa 540
122 aatggagaag aattaaatgc taccaacaca acagtttccc aagatcctgg aactgagctc 600
123 tacatgatta gcagtgaact ggatttcaat gtgacaaata accacagcat cgtgtgtctc 660
124 atcaaatacg gggagctgtc ggtgtcacag atcttccctt ggagcaaacc caagcaggag 720
125 cctcccattg atcagcttcc attctgggtc attatcccag taagtggtgc tttggtgctc 780
126 actgcggtag ttctctactg cctggcctgc agacatgttg cgaggtggaa aagaacaaga 840
127 aggaatgaag agacagtggg aactgaaagg ctgtccccta tctacttagg ctctgcgcaa 900
128 tcctcgggct ga                                                   912
131 <210> SEQ ID NO: 5
132 <211> LENGTH: 912
133 <212> TYPE: DNA
134 <213> ORGANISM: Artificial Sequence
136 <220> FEATURE:
137 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
138       nucleotide sequence
140 <400> SEQUENCE: 5
141 atgggtcaca caatgaagtg gggatcacta ccacccaagc gcccatgcct ctggctctct 60
142 cagctcttgg tgctcactgg tctttttttac ttctgttcag gcatcacccc aaagagtgtg 120
143 accaaaagag tgaaagaaac agtaatgcta tcctgtgatt acagcacatc cactgaagaa 180
144 ctgacaagcc ttcggatcta ttggcaaaag gatagtaaaa tggtgctggc catcctgcct 240
145 ggaaaagtgc aggtgtggcc tgagtacaag aaccgcacca tcactgacat gaacgataac 300
146 ccccgtattg tgatcctggc tctgcgcctg tcggacagtg gcacctacac ctgtgttatt 360
147 cagaagcctg ttttgaaagg ggcttataaa ctggagcacc tggcttccgt gaggttaatg 420
148 atcagagctg acttccctgt ccctaccata aatgatcttg gaaatccatc tcctaatatc 480
149 agaaggctaa tttgctcaac ctctggaggt tttccaaggc cccacctcta ctggttggaa 540
150 aatggagaag aattaaatgc taccaacaca acagtttccc aagatcctgg aactgagctc 600
151 tacatgatta gcagtgaact ggatttcaat gtgacaaata accacagcat cgtgtgtctc 660
152 atcaaatacg gggagctgtc ggtgtcacag atcttccctt ggagcaaacc caagcaggag 720
153 cctcccattg atcagcttcc attctgggtc attatcccag taagtggtgc tttggtgctc 780
154 actgcggtag ttctctactg cctggcctgc agacatgttg cgaggtggaa aagaacaaga 840
155 aggaatgaag agacagtggg aactgaaagg ctgtccccta tctacttagg ctccgcgcaa 900
156 tcctcgggct ga                                                   912
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162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
166       nucleotide sequence
168 <400> SEQUENCE: 6
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170 cagctcttgg tgctcactgg tctttttttac ttctgttcag gcatcacccc aaagagtgtg 120
171 accaaaagag tgaaagaaac agtaatgcta tcctgtgatt acagcacatc cactgaagaa 180
172 ctgacaagcc ttcggatcta ttggcaaaag gatagtaaaa tggtgctggc catcctgcct 240
173 ggaaaagtgc aggtgtggcc tgagtacaag aaccgcacca tcactgacat gaacgataac 300
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Input Set : N:\LMOORE\PTO.LM.txt
Output Set: N:\CRF4\08022004\I888324.raw

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174 ccccgtattg tgatcctggc tctgcgcctg tcggacagtg gcacctacac ctgtgttatt 360
175 cagaagcctg tttttgaaagg ggcttataaa ctggagcacc tggcttccgt gaggttaatg 420
176 atcagagctg acttccctgt ccctaccata aatgatcttg gaaatccatc tcctaatatc 480
177 agaaggctaa tttgctcaac ctctggaggt tttccaaggc cccacctcta ctggttggaa 540
178 aatggagaag aattaaatgc taccaacaca acactgtccc aagatcctga aaccaagctc 600
179 tacatgatta gcagtgaact ggatttcaat gtgacaaata accacagcat cgtgtgtctc 660
180 atcaaatacg gggagctgtc ggtgtcacag atcttccctt ggagcaaacc caagcaggag 720
181 ccccccattg atcagcttcc attctgggtc attatcccag taagtggtgc tttggtgctc 780
182 actgcggtag ttctctaccg cccggcctgc agacatgttg cgaggtggaa aagaacaaga 840
183 aggaatgaag agacagtggg aactgaaagg ctgtcccta tctacttagg ctctgcgcaa 900
184 tcctcgggct ga                                                    912
187 <210> SEQ ID NO: 7
188 <211> LENGTH: 912
189 <212> TYPE: DNA
190 <213> ORGANISM: Artificial Sequence
192 <220> FEATURE:
193 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
194        nucleotide sequence
196 <400> SEQUENCE: 7
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198 cagctcttgg tgctcactgg tcttttttac ttctgttcag gcatcacccc aaagagtgtg 120
199 accaaaagag tgaaagaaac agtaatgcta tcctgtgatt acaacacatc cactgaagaa 180
200 ctgacaagcc ttcggatcta ttggcaaaag gatagtaaaa tggtgctggc catcctgcct 240
201 ggaaaagtgc aggtgtggcc tgagtacaag aaccgcacca tcactgacat gaacgataac 300
202 ccccgtattg tgatcctggc tctgcgcctg tcggacagtg gcacctacac ctgtgttatt 360
203 cagaagcctg tttttgaaagg ggcttataaa ctggagcacc tggcttccgt gaggttaatg 420
204 atcagagctg acttccctgt ccctaccata aatgatcttg gaaatccatc tcctaatatc 480
205 agaaggctaa tttgctcaac ctctggaggt tttccaaggc cccacctcta ctggttggaa 540
206 aatggagaag aattaaatgc taccaacaca acagtttccc aagatcctgg aactgagctc 600
207 tacatgatta gcagtgaact ggatttcaat gtgacaaata accacagcat cgtgtgtctc 660
208 atcaaatacg gggagctgtc ggtgtcacag atcttccctt ggagcaaacc caagcaggag 720
209 cctcccattg atcagcttcc attctgggtc attatcccag taagtggtgc tttggtgctc 780
210 actgcggtag ttctctactg cctggcctgc agacatgttg cgaggtggaa aagaacaaga 840
211 aggaatgaag agacagtggg aactgaaagg ctgtcccta tctacttagg ctctgcgcaa 900
212 tcctcgggct ga                                                    912
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218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
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222        nucleotide sequence
224 <400> SEQUENCE: 8
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226 cagctcttgg tgctcactgg tcttttttac ttctgttcag gcatcacccc aaagagtgtg 120
227 accaaaagag tgaaagaaac agtaatgcta tcctgtgatt acaacacatc cactgaagaa 180
228 ctgacaagcc ttcggatcta ttggcaaaag gatagtaaaa tggtgctggc catcctgcct 240
229 ggaaaagtgc aggtgtggcc tgagtacaag aaccgcacca tcactgacat gaacgataac 300
230 ccccgtattg tgatcctggc tctgcgcctg tcggacagtg gcacctacac ctgtgttatt 360
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RAW SEQUENCE LISTING   DATE: 08/02/2004
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Input Set : N:\LMOORE\PTO.LM.txt
Output Set: N:\CRF4\08022004\I888324.raw

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232 atcagagctg acttccctgt ccctaccata aatgatcttg gaaatccatc tcctaatatc 480
233 agaaggctaa tttgctcaac ctctggaggt tttccaaggc cccacctctg ctggttggaa 540
234 aatggagaag aattaaatgc taccaacaca acagtttccc aagatcctgg aactgagctc 600
235 tacatgatta gcagtgaact ggatttcaat gtgacaaata accacagcat cgtgtgtctc 660
236 atcaaatacg gggagctgtc ggtgtcacag atcttccctt ggagcaaacc caagcaggag 720
237 cctcccattg atcagcttcc attctgggtc attatcccag taagtggtgc tttggtgctc 780
238 actgcggtag ttctctactg cctggcctgc agacatgttg cgaggtggaa aagaacaaga 840
239 aggaatgaag agacagtggg aactgaaagg ctgtcccta tctacttagg ctctgcgcaa 900
240 tcctcgggct ga                                                     912
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246 <213> ORGANISM: Artificial Sequence
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249 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
250       nucleotide sequence
252 <400> SEQUENCE: 9
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254 cagctcttgg tgctcactgg tctttttttac ttctgttcag gcatcacccc aaagagtgtg 120
255 accaaaagag tgaaagaaac agtaatgcta tcctgtgatt acagcacatc cactgaagaa 180
256 ctgacaagcc ttcggatcta ttggcaaaag gatagtaaaa tggtgctggc catcctgcct 240
257 ggaaaagtgc aggtgtggcc tgagtacaag aaccgcacca tcactgacat gaacgataac 300
258 ccccgtattg tgatcctggc tctgcgcctg tcggacaagg gcacctacac ctgcgtggtt 360
259 cagaagcctg ttttgaaagg ggcttataaa ctggagcacc tgacttccgt gaggttaatg 420
260 atcagagctg acttccctgt ccctaccata aatgatcttg gaaatccatc tcctaatatc 480
261 agaaggctaa tttgctcaac ctctggaggt tttccaaggc cccacctcta ctggttggaa 540
262 aatggagaag aattaaatgc taccaacaca acagtttccc aagatcctgg aactgagctc 600
263 tacatgatta gcagtgaact ggatttcaat gtgacaaata accacagcat cgtgtgtctc 660
264 atcaaatacg gggagctgtc ggtgtcacag atcttccctt ggagcaaacc caagcaggag 720
265 cctcccattg atcagcttcc attctgggtc attatcccag taagtggtgc tttggtgctc 780
266 actgcggtag ttctctactg cctggcctgc aggcatgttg cgaggtggaa aagaacaaga 840
267 aggaatgaag agacagtggg aactgaaagg ctgtcccta tctacttagg ctctgcgcaa 900
268 tcctcgggct ga                                                     912
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273 <212> TYPE: DNA
274 <213> ORGANISM: Artificial Sequence
276 <220> FEATURE:
277 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
278       nucleotide sequence
280 <400> SEQUENCE: 10
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282 cagctcttgg tgctcactgg tctttttttac ttctgttcag gcatcacccc aaagagtgtg 120
283 accaaaagag tgaaagaaac agtaatgcta tcctgtgatt acaacacatc cactgaagaa 180
284 ctgacaagcc ttcggatcta ttggcaaaag gatagtaaaa tggtgctggc catcctgcct 240
285 ggaaaagtgc aggtgtggcc tgagtacaag aaccgcacca tcactgacat gaacgataac 300
286 ccccgtattg tgatcctggc tctgcgcctg tcggacagtg gcacctacac ctgtgttatt 360
287 cagaagcctg ttttgaaagg ggcttataaa ctggagcacc tggcttccgt gaggttaatg 420
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 08/02/2004
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Input Set : **N:\LMOORE\PTO.LM.txt**
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

```
Seq#:95; N Pos. 223
Seq#:97; N Pos. 929
Seq#:111; N Pos. 827
Seq#:153; N Pos. 893,894
Seq#:157; N Pos. 599
Seq#:174; Xaa Pos. 75
Seq#:176; Xaa Pos. 310
Seq#:190; Xaa Pos. 276
Seq#:232; Xaa Pos. 298
Seq#:236; Xaa Pos. 200
Seq#:284; Xaa Pos. 6,8,14,18,19,20,27,55,60,69,101,106,110,113,120,124,135
Seq#:284; Xaa Pos. 149,150,151,167,168,169,177,192,197,199,208,215,218,227
Seq#:284; Xaa Pos. 249,261,263,267,268,273
Seq#:287; Xaa Pos. 12,25,29,40,122,129,164,196,219,241
Seq#:290; Xaa Pos. 50,55,56,113,120,123,124,125,126,128,129,130,131,135,138
Seq#:290; Xaa Pos. 140,170,193,194,195,209,211,252,253
Seq#:292; Xaa Pos. 9,35,55,110,124,135,183,192,211,215,216,217,231,288,290
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VERIFICATION SUMMARY   DATE: 08/02/2004
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Input Set : **N:\LMOORE\PTO.LM.txt**
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L:4448 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:95 after pos.:180
L:4521 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:97 after pos.:900
L:4912 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:111 after pos.:780
L:6078 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:153 after pos.:840
L:6187 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:157 after pos.:540
L:6654 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:174 after pos.:64
L:6840 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:176 after pos.:304
L:7791 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:190 after pos.:272
L:10625 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:232 after pos.:288
L:10875 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:236 after pos.:192
L:13579 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:0
L:13582 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:16
L:13588 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:48
L:13591 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:64
L:13597 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:96
L:13600 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:112
L:13603 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:128
L:13606 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:144
L:13609 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:160
L:13612 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:176
L:13615 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:192
L:13618 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:208
L:13621 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:224
L:13624 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:240
L:13627 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:256
L:13630 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:284 after pos.:272
L:13830 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:0
L:13833 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:16
L:13836 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:32
L:13851 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:112
L:13854 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:128
L:13860 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:160
L:13866 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:192
L:13869 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:208
L:13875 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:287 after pos.:240
L:14154 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:48
L:14166 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:112
L:14169 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:128
L:14175 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:160
L:14181 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:192
L:14184 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:208
L:14190 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:290 after pos.:240
L:14350 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:0
L:14356 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:32
L:14359 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:48
L:14368 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:96
L:14371 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:112
L:14374 M:341 W:  (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:128
```

VERIFICATION SUMMARY   DATE: 08/02/2004
PATENT APPLICATION: **US/09/888,324**   TIME: 11:51:24

Input Set : **N:\LMOORE\PTO.LM.txt**
Output Set: **N:\CRF4\08022004\I888324.raw**

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L:14383 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:176
L:14389 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:208
L:14392 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:224
L:14401 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:272
L:14404 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:292 after pos.:288
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